

**SBI 3C:**

**FUNGI**

**SIMILARITIES TO PLANTS:**

- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_

**DIFFERENCES TO PLANTS:**

- ▶ May have \_\_\_\_\_ nuclei per cell
- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_ in cell wall
- ▶ Use \_\_\_\_\_ not seeds to reproduce
- ▶ Spores:  
\_\_\_\_\_ that can make a new organism  
without \_\_\_\_\_
- ▶ Have \_\_\_\_\_ outer coverings  
for \_\_\_\_\_

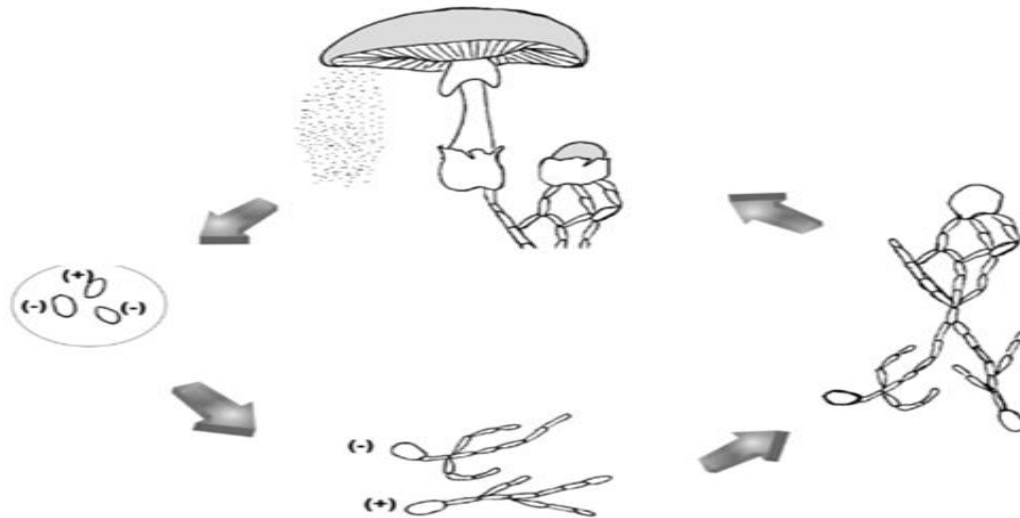
**MAIN FUNCTIONS:**

- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_

**CONNECTIONS TO HUMAN DISEASE:**

- ▶ Several disease caused by fungi, mostly \_\_\_\_\_ but minor
  - ▶ \_\_\_\_\_
  - ▶ \_\_\_\_\_
  - ▶ \_\_\_\_\_
- ▶ Many mushrooms are \_\_\_\_\_ (produce neurotoxins)

## REPRODUCTION:



## IMPORTANCE OF FUNGI:

- ▶ \_\_\_\_\_
- ▶ Used to make \_\_\_\_\_
- ▶ Food ( \_\_\_\_\_ )
- ▶ Produce \_\_\_\_\_ (penicillin)
- ▶ Exist \_\_\_\_\_ (relationship in which both partners benefit) with other organisms
  - ▶ Ex. \_\_\_\_\_:
    - ▶ Fungus surrounds photosynthetic cells of \_\_\_\_\_
    - ▶ Fungus supplies algae with \_\_\_\_\_
    - ▶ Algae shares \_\_\_\_\_ that it makes with fungus

## DEFINITIONS:

- ▶ Mycelium:
  - ▶ \_\_\_\_\_
- ▶ Hyphae:
  - ▶ \_\_\_\_\_
- ▶ Sporangia:
  - ▶ \_\_\_\_\_
- ▶ Germinate:
  - ▶ \_\_\_\_\_
- ▶ Vegetative:
  - ▶ \_\_\_\_\_
- ▶ Lichen:
  - ▶ \_\_\_\_\_